EXHIBIT 45

AMENDED APPENDIX H.AV - Avaya Usage of Disputed CLI Commands

Disputed Cisco Command	Avaya Command Syntax	Bates Number of Avaya Manual
area default-cost	area virtual-link <area-id> <nghbr-router-id> {[authentication-key <WORD>] [authenticationtype {none| simple|message-digest}] [primary-md5-key <1-255>] [dead-interval <1-2147483647>] [hello-interval <1-65535>] [retransmit-interval <1-3600>] [transit-delay <1-3600>]	ARISTANDCA_AVAYA00084952
area default-cost (OSPFv3)	area virtual-link <area-id> <nghbr-router-id> {[authentication-key <WORD>] [authenticationtype {none| simple|message-digest}] [primary-md5-key <1-255>] [dead-interval <1-2147483647>] [hello-interval <1-65535>] [retransmit-interval <1-3600>] [transit-delay <1-3600>]	ARISTANDCA_AVAYA00084952
area range	area range <A.B.C.D> <A.B.C.D/0-32> <summary-link|nssa-extlink>	ARISTANDCA_AVAYA00022577
area range (OSPFv3)	area range <A.B.C.D> <A.B.C.D/0-32> <summary-link|nssa-extlink> (OSPF only)	ARISTANDCA_AVAYA00022577
art timeout	arp {<A.B.C.D> <H.H.H> <WORD> id <1-4094> | timeout <5-360>}	ARISTANDCA_AVAYA00084952
clear arp-cache	clear arp-cache	ARISTANDCA_AVAYA00084952
clear ip msdp sa-cache	clear ip msdp sa-cache [group <A.B.C.D>] [peer <A.B.C.D>] [rp <A.B.C.D>] [source <A.B.C.D>]	ARISTANDCA_AVAYA00022577
clock timezone	clock time-zone <WORD> <-12 - 13> <0-59>	ARISTANDCA_AVAYA00084952
clock set	clock set <MMddyyyyhhmmss>	ARISTANDCA_AVAYA00022577
default-information originate (OSPF)	default-information originate	ARISTANDCA_AVAYA00022577
default-information originate (OSPFv3)	default-information originate (OSPF only)	ARISTANDCA_AVAYA00022577
default-metric (OSPF)	default-metric <-1-2147483647> (BGP and RIP only)	ARISTANDCA_AVAYA00022577
default-metric (OSPFv3)	default-metric <-1-2147483647> (BGP and RIP only)	ARISTANDCA_AVAYA00022577
interface vlan	interface vlan <vid>	ARISTANDCA_AVAYA00026225
ip address	ip address <A.B.C.D> <A.B.C.D> [<0-65535>]	ARISTANDCA_AVAYA00022577
ip dhcp snooping	ip dhcp snooping [port<portlist>]<trusted|untrusted>	ARISTANDCA_AVAYA00022577
ip dhcp snooping vlan	[no] [default] ip dhcp snooping vlan <vid> [enable]	ARISTANDCA_AVAYA00022577
ip domain-name	ip domain-name <word>	ARISTANDCA_AVAYA00022577
ip icmp redirect	ip icmp redirect	ARISTANDCA_AVAYA00022577
ip igmp snooping	ip igmp snooping	ARISTANDCA_AVAYA00084952
ip igmp static-group	ip igmp static-group <group address> <to group address> [<portList>] <static|blocked>	ARISTANDCA_AVAYA00022577
ip igmp version	ip igmp version	ARISTANDCA_AVAYA00022577
ip msdp default-peer	ip msdp password peer <A.B.C.D> Word<1-80>	ARISTANDCA_AVAYA00022577
ip msdp description	ip msdp description <A.B.C.D> WORD<1-255>	ARISTANDCA_AVAYA00022577
ip msdp keepalive	ip msdp keepalive <A.B.C.D> <0-21845> <3-65535>	ARISTANDCA_AVAYA00022577
ip msdp mesh-group	ip msdp mesh-group Word<1-64> <A.B.C.D>	ARISTANDCA_AVAYA00022577
ip msdp originator-id	ip msdp originator-id <A.B.C.D>	ARISTANDCA_AVAYA00022577
ip msdp peer	ip msdp peer <A.B.C.D>	ARISTANDCA_AVAYA00022577
ip msdp sa-filter in	ip msdp sa-filter <in|out> <A.B.C.D> create [route-policy Word<1-64>]	ARISTANDCA_AVAYA00022577
ip msdp sa-filter out	ip msdp sa-filter <in|out> <A.B.C.D> create [route-policy Word<1-64>]	ARISTANDCA_AVAYA00022577
ip msdp sa-limit	ip msdp sa-limit <A.B.C.D> <0-6144>	ARISTANDCA_AVAYA00022577
ip name-server	ip name-server primary <word> [secondary <word>] [tertiary <word>]	ARISTANDCA_AVAYA00022577
ip ospf bfd	ip ospf [vlan <1-4094>/port <portNum>] bfd	ARISTANDCA_AVAYA00022577
ip pim rp-candidate	ip pim rp-candidate group <A.B.C.D> <A.B.C.D> rp <A.B.C.D>	ARISTANDCA_AVAYA00084952
ip prefix-list	ip prefix-list <1-1024> <prefix/len> [<ge|le> <0-32>]	ARISTANDCA_AVAYA00022577
ip route	ip route <A.B.C.D> <A.B.C.D> 255.255.255.255 enable [next-hop-vrf <WORD 0-16>]	ARISTANDCA_AVAYA00022577
ip routing	ip routing	ARISTANDCA_AVAYA00022577
ipv6 address	ipv6 address {[stack <WORD>] [switch <WORD> [eui <1-3>]] [unit <1-8> <WORD>] [<WORD>]}	ARISTANDCA_AVAYA00084952
ipv6 enable	ipv6 [auto-config] [enable] [forwarding] [hop-limit <0-255>] [icmp]	ARISTANDCA_AVAYA00084952
ipv6 nd managed-config-flag	ipv6 nd [dad-ns][hop-limit] [managed-config-flag] [other-config-flag] [ra-lifetime <0-9000>] [rtr-advert-max-interval <4-1800>] [rtr-advert-min-interval <3-1350>] [send-ra]	ARISTANDCA_AVAYA00084952
ipv6 nd prefix	ipv6 nd prefix <prefix/prefix length> [infinite] [no-advertise] [preferred-life <seconds>] [valid-life <seconds>]	ARISTANDCA_AVAYA00022577
ipv6 nd ra lifetime	ipv6 nd [dad-ns][hop-limit] [managed-config-flag] [other-config-flag] [ra-lifetime <0-9000>] [rtr-advert-max-interval <4-1800>] [rtr-advert-min-interval <3-1350>] [send-ra]	ARISTANDCA_AVAYA00084952
ipv6 neighbor	ipv6 neighbor <ipv6 address> port <slot/port> mac <mac address> vlan <vlan id>	ARISTANDCA_AVAYA00022577
ipv6 ospf area	ipv6 ospf area <A.B.C.D> cost <metric> [dead-interval <seconds>] [hello-interval <seconds>][network <value>][priority <value>] [retransmit-interval <seconds>] [transitdelay <seconds>]	ARISTANDCA_AVAYA00022577
ipv6 route	ipv6 route <Ipv6 address/prefix> enable [next-hop <Ipv6 address/prefix>] [port <slot/port>] [tunnel <tunnel-id>] [vlan <vlan id>]	ARISTANDCA_AVAYA00022577
is-type	[no] [default] is-type {l1}	ARISTANDCA_AVAYA00022577
lacp system-priority	lacp system-priority <0-65535>	ARISTANDCA_AVAYA00022577

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mac-address-table aging-time	mac-address-table [aging-time <10-1000000>] [learning <LINE>] [static <H.H.H> <1-4094> interface {[Ethernet <LINE>] | [mlt <1-32>]}]	ARISTANDCA_AVAYA00084952
maximum-paths	maximum-path <1-4>	ARISTANDCA_AVAYA00084952
maximum-paths (OSPFv3)	maximum-path <1-4>	ARISTANDCA_AVAYA00084952
no snmp-server	no snmp-server	ARISTANDCA_AVAYA00026225
ntp authentication-key	ntp authentication-key <1-2147483647> <word>	ARISTANDCA_AVAYA00022577
ntp server	ntp server <A.B.C.D>	ARISTANDCA_AVAYA00022577
radius-server host	radius server host	ARISTANDCA_AVAYA00022577
radius-server key	radius-server key	ARISTANDCA_AVAYA00026225
radius-server timeout	radius-server timeout	ARISTANDCA_AVAYA00026225
route-map	route-map Word<1-64> <1-65535>	ARISTANDCA_AVAYA00022577
router bgp	router bgp	ARISTANDCA_AVAYA00022577
router isis	router isis	ARISTANDCA_AVAYA00022577
router-id	router-id <A.B.C.D>	ARISTANDCA_AVAYA00022577
router-id (OSPFv3)	router-id <A.B.C.D> (OSPF only)	ARISTANDCA_AVAYA00022577
show arp	show arp [<A.B.C.D>][add-fail][dynamic][<H.H.H>][static][summary][-s][vlan <1-4094>]	ARISTANDCA_AVAYA00084952
show clock	show clock	ARISTANDCA_AVAYA00022577
show hosts	show hosts <word>	ARISTANDCA_AVAYA00022577
show interfaces	Several "show interfaces" commands are supported	ARISTANDCA_AVAYA00022577, ARISTANDCA_AVAYA00084952
show ip bgp neighbors	show ip bgp neighbors [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip bgp peer-group	show ip bgp peer-group [<WORD 1-1536>] [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip bgp summary	show ip bgp summary [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip community-list	show ip community-list <1-1024> [vrf WORD<0-32> | vrfids WORD<0-255>]	ARISTANDCA_AVAYA00022577
show ip dhcp snooping	show ip dhcp snooping	ARISTANDCA_AVAYA00022577
show ip extcommunity-list	show ip extcommunity-list <1-1024> [vrf WORD<0-32> | vrfids WORD<0-255>]	ARISTANDCA_AVAYA00022577
show ip igmp interface	show ip igmp interface [fastethernet <slot/port>] [gigabitethernet <slot/port>] [pos <slot/port>] [vlan <slot/port>] [vrf Word<0-16>] [vrfids Word<0-255>]	ARISTANDCA_AVAYA00022577
show ip igmp snooping	show ip igmp snooping [vrf Word<0-16>] [vrfids Word<0-255>]	ARISTANDCA_AVAYA00022577
show ip interface	show ip interface [gigabitethernet <1-4094> <slot/port>] [vrf WORD<0-64>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip msdp mesh-group	show ip msdp mesh-group [Word<1-64>]	ARISTANDCA_AVAYA00022577
show ip msdp peer	show ip msdp peer [<A.B.C.D>] [<accepted-sas|advertised-sas>]	ARISTANDCA_AVAYA00022577
show ip msdp sa-cache	show ip msdp sa-cache [foreign|local] [group <A.B.C.D>] [rp <A.B.C.D>] [source <A.B.C.D>]	ARISTANDCA_AVAYA00022577
show ip msdp summary	show ip msdp summary	ARISTANDCA_AVAYA00022577
show ip ospf	show ip ospf [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip ospf interface	show ip ospf interface [<interface-type>] [<interface-id>] [vrf <WORD 1-16>] [vrfids <0-255>]	ARISTANDCA_AVAYA00022577
show ip ospf neighbor	show ip ospf neighbor [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip pim interface	show ip pim interface [fastEthernet <slot/port>] [gigabitethernet <slot/port>] [pos <slot/port>] [vlan <slot/port>] [vrf Word<0-16>] [vrfids Word<0-255>]	ARISTANDCA_AVAYA00022577
show ip pim neighbor	show ip pim neighbor [vrf Word<0-16>] [vrfids Word<0-255>]	ARISTANDCA_AVAYA00022577
show ip pim rp-hash	show ip pim rp-hash [vrf Word<0-16>] [vrfids Word<0-255>]	ARISTANDCA_AVAYA00022577
show ip prefix-list	show ip prefix-list [<WORD 1-64>] [prefix <A.B.C.D>] [vrf <WORD 0-32>] [vrfids <0-255>]	ARISTANDCA_AVAYA00022577
show ip route	show ip route [<A.B.C.D>] [-s <A.B.C.D> <A.B.C.D>] [alternative] [count-summary [vrf WORD<0-64>] [vrfids WORD<0-255>] [preference [next-hop-vrf <WORD 0-16>]] [spbm-nh-as-mac] [static [-s <A.B.C.D>] [vrf WORD<0-64>] [vrfids WORD<0-255>] [<A.B.C.D>]] [vrf <WORD 0-16>] [vrfids <WORD 0-255>]	ARISTANDCA_AVAYA00022577
show ip route summary	show ip route [ospf] [rip] [static] [A.B.C.D] [-s <subnet-ip> <mask-ip>] [summary]	ARISTANDCA_AVAYA00084952
show ipv6 interface	show ipv6 interface [<interface-type>] [<interface-id>] [<interface-index>]	ARISTANDCA_AVAYA00022577
show ipv6 ospf	show ipv6 ospf	ARISTANDCA_AVAYA00022577
show ipv6 ospf neighbor	show ipv6 ospf neighbor	ARISTANDCA_AVAYA00022577
show ipv6 prefix-list	show ipv6 prefix-list [prefix WORD<1-256>] [WORD<1-64>]	ARISTANDCA_AVAYA00022577
show isis interface	show isis interface [l1|l2|l12]	ARISTANDCA_AVAYA00022577
show lacp interface	show lacp interface [{fastethernet|gigabitethernet|pos}] [vid {vlan-id[-vlan-id][,...]}] [<portList>]	ARISTANDCA_AVAYA00022577
show lldp	Several "show lldp" commands are supported	ARISTANDCA_AVAYA00084952
show mac-address-table	Several "show mac-address-table" commands are supported	ARISTANDCA_AVAYA00084952
show mac-address-table aging-time	show mac-address-table aging-time	ARISTANDCA_AVAYA00084952
show radius	show radius {accounting interim-updates | dynamic-server {client {A.B.C.D} | replayprotection | statistics client {A.B.C.D}} | reachability | use-management-ip}	ARISTANDCA_AVAYA00084952
show route-map	show route-map [<WORD 1-64>] [<1-65535>] [vrf <WORD 0-32>] [vrfids <0-255>]	ARISTANDCA_AVAYA00022577

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show spanning-tree	Supports over 10 "show spanning-tree"commands	ARISTANDCA_AVAYA00022577
show storm-control	show storm-control [all][broadcast][multicast][unicast]	ARISTANDCA_AVAYA00084952
show tacacs	show tacacs	ARISTANDCA_AVAYA00022577
show users	show users	ARISTANDCA_AVAYA00022577
show vlan	Support several "show vlan" commands	ARISTANDCA_AVAYA00022577
snmp-server community	snmp-server community <name> [group <WORD>] [index <WORD>] [secname <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server contact	no snmp-server contact	ARISTANDCA_AVAYA00084952
snmp-server group	snmp-server group <group name> <context name> [auth-no-priv|auth-priv|no-auth-no-priv] [notify-view <WORD>] [read-view <WORD>] [write-view <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server host	snmp-server host [A.B.C.D] [<WORD>] [port <1-65535>] [v1 <WORD> filter <WORD>] [v2c <WORD> {filter <WORD> | inform {[timeout <1-2147483647>] [retries <0-255>]}} [v3 <auth | no-auth> <WORD>]	ARISTANDCA_AVAYA00084952
snmp-server location	snmp-server location <LINE>	ARISTANDCA_AVAYA00084952
snmp-server user	snmp-server user <WORD> [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>] [{md5|sha} <password>] [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>] [{aes|des|3des} <password> [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server view	snmp-server view <view name> <subtree oid>	ARISTANDCA_AVAYA00022577
spanning-tree cost	spanning-tree cost	ARISTANDCA_AVAYA00026225
spanning-tree mode	spanning-tree mode {mst | rstp | stpg}	ARISTANDCA_AVAYA00084952
storm-control	storm-control [broadcast | multicast | unicast |all] [action [none | drop | shutdown]] [enable] [high-watermark <10-100000000>] [low-watermark <10-100000000>] [poll interval <5-300>] [trap-interval <0-1000>]	ARISTANDCA_AVAYA00084952
tacacs-server host	tacacs server [host {A.B.C.D}] [secondary-host {A.B.C.D}] [port <1-65535>] [key]	ARISTANDCA_AVAYA00084952
tacacs-server key	tacacs server [host {A.B.C.D}] [secondary-host {A.B.C.D}] [port <1-65535>] [key]	ARISTANDCA_AVAYA00084952
terminal length	terminal {length <0-132> | speed {[19200] | [38400] | [9600]} width <1-132>}	ARISTANDCA_AVAYA00084952
timers basic	timers basic holddown <holddown-timer> timeout <global-timeout> update <update-timer>	ARISTANDCA_AVAYA00084952

Total of 117 command abstractions listed above.